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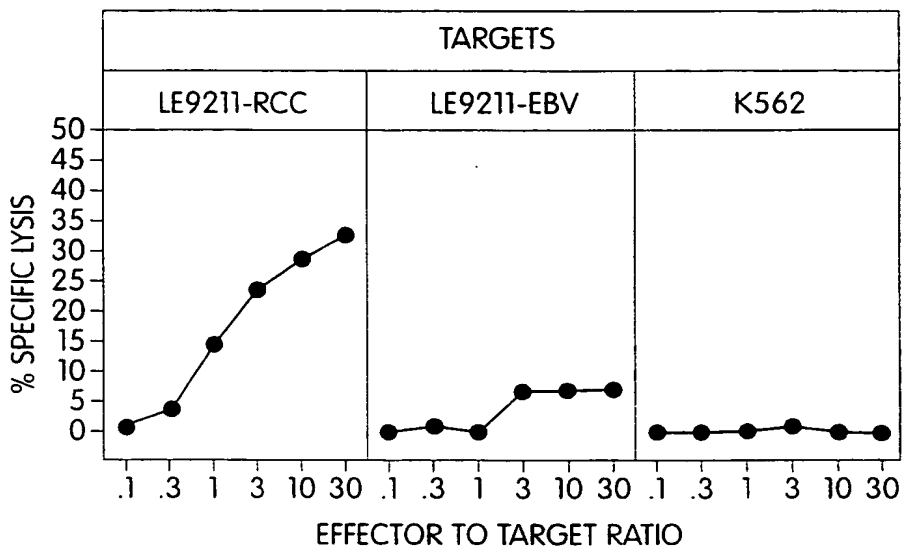


Fig. 1

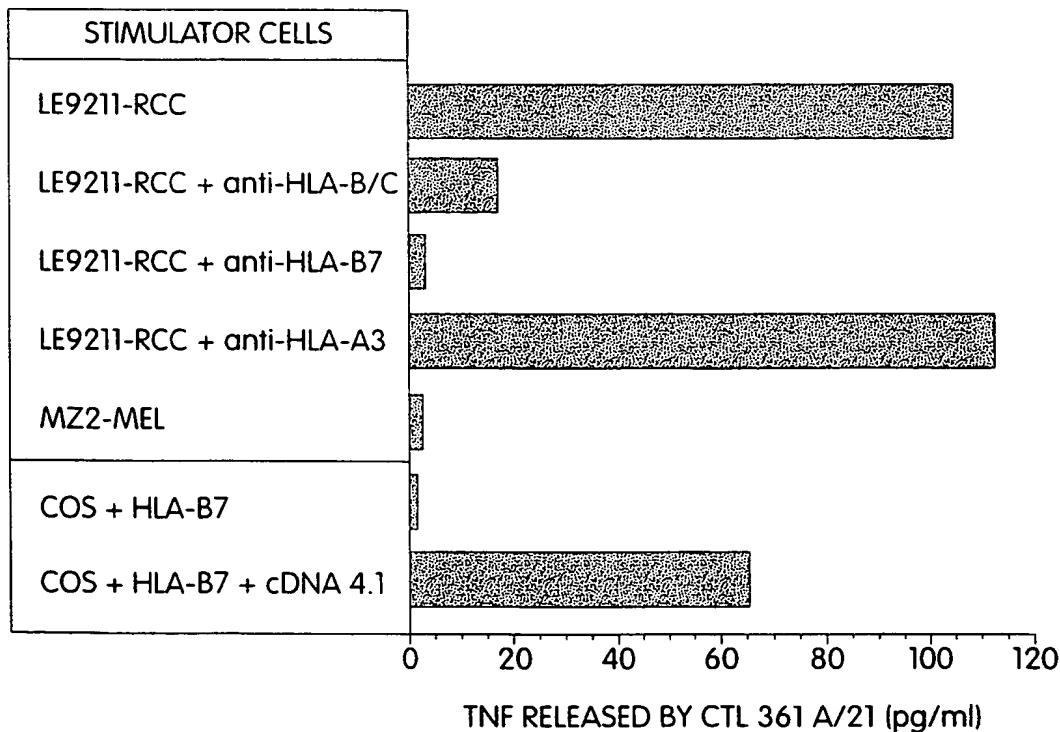


Fig. 2

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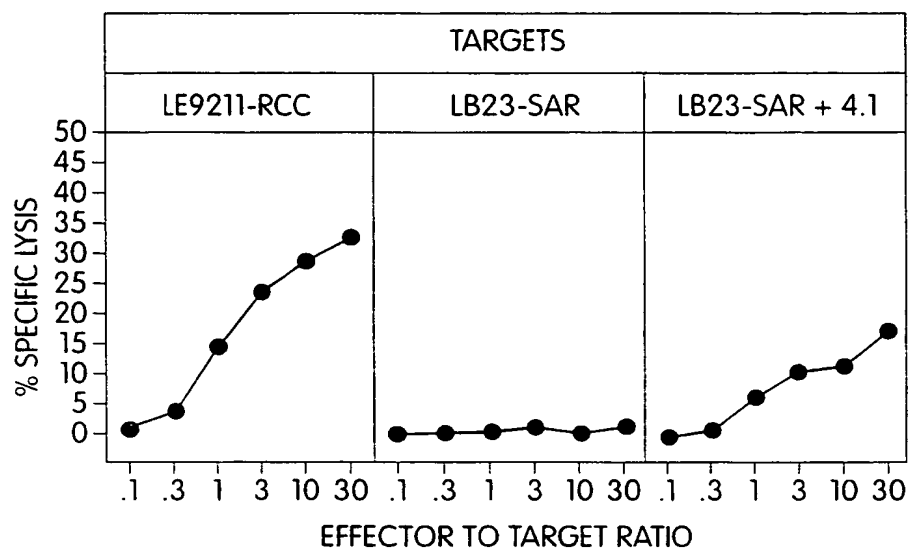


Fig. 3

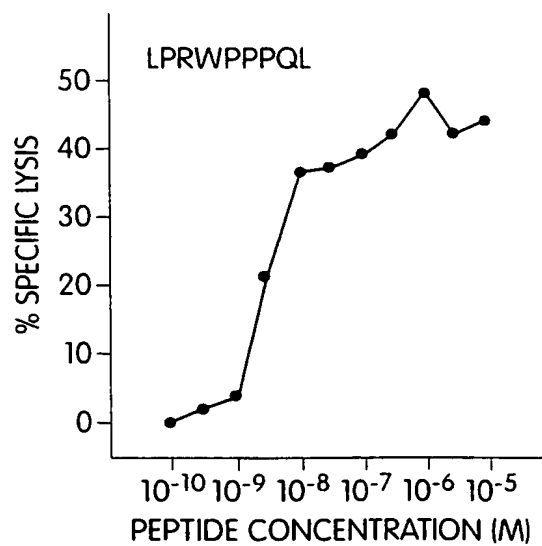


Fig. 4

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Fig. 5

GTCCA

6 CCTTGATTCTGCCCGTAGCAGGTGAACCTGGTGTGGTGGCGGCACCTGGGGTCTGTGCTGATGGTGTGCACGCCACGGTGAAAAAATTGAGCGTCTACTCCGAGT

109 CCTGCAAGCTCCTAGTGTCTCCTCTGGGTGGACGCCCTAGGGCACGGCCGCTTACTTCTCTTTCACCTGTGATTCGTTCAGTTTCTCGTTTCAGGAGGCG

212 ATCCCGCGCCCTGGGTGAGGCGCGCTGGGACAGCGGAGGTGCTTCCGACGCGGAGGAGCTGAGCGGCGGCCAGCGGGGAAG ATG AGC GGC
M S G

312 AGC AGC GCC AGG TCC AGC CAC CTG TCT CAG CCC GTC GTG AAG AGC GTG CTT GTG TAC CGC AAC GGG GAC CCC TTC TAC TAC
S S A R S H L S Q P V V K S V L V Y R N G D P F Y

390 GCG GGG CGC GTC ATC CAT GAG AAG AAG GTG TCC AGC TTC GAA GTC TTC CTG AAG GAG GTG ACC GGC GGC GTT
A G R R V I H E K K V S S F E V F L K E V T G G G V

468 CAG GCA CCC TTT GGG GCC GTC AGG AAC ATC TAC ACC CCG CGG ACT GGC CAC CGA ATC CGG AAG CTA GAC CAG ATC CAG
Q A P F G A V R N I Y T P R T G H R I R K L D Q I Q

546 AGC GGG GGC AAT TAC GTG GCT GGA GGC CAG GAA GCC TTC AAG AAA CTC AAT TAC TTG GAC ATA GGA GAA ATC AAG AAA
S G G N Y V A G G Q E A F K K L N Y L D I G E I K K

624 AGA CCA ATG GAA GTT GTT AAT ACA GAG GTA AAA CCA GTA ATC CAT AGC AGG ATC AAC GTG TCA GCT GCT TTT AGA AAA
R P M E V V N T E V K P V I H S R I N V S A R F R K

702 CCG CTT CAG GAG CCG TGC ACT ATC TTC TTG ATT GCA AAT GGA GAC CTC ATA AAC CCA GCT TCT CGC CTC CTT ATC CCC
P L Q E P C T I F L I A N G D L I N P A S R L L I P

780 AGA AAA ACC TTG AAT CAG TGG GAT CAT GTA CTA CAA ATG GTC ACA GAA AAA ATC ACT CTG AGG AGC GGG GCT GTT CAC
R K T L N Q W D H V L Q M V T E K I T L R S G A V H

858 AGG CTT TAT ACT TTA GAA GGA AAA CTT GTT GAG AGT GGA GCA GAG TTG GAG AAT GGG CAG TTT TAT GTG GCT GTT GGC
R L Y T L E G K L V E S G A E L E N G Q F Y V A V G

936 AGA GAT AAG TTT AAG AAA CTG CCT TAC GGT GAG TTA CTT TTT GAC AAG TCA ACG ATG AGA AGG CCT TTT GGT CAG AAA
R D K F K K AAA CTG CCT TAC GGT GAG TTA CTT TTT GAC AAG TCA ACG ATG AGA AGG CCT TTT GGT CAG AAA

1014 GCT TCT TCA CTA CCT CCT ATT GTA GGA TCC AGA AAG TCT AAA GGG AGT GGA AAT GAT CGC CAC TCT AAG TCA ACA GTT
A S S L P P I V G S R K S G S G N D R H S K S T V

1092 GGA TCC AGT GAC AAC TCA TCT CCT CAG CCC CTG AAG AGG AAA GGG AAA GAA GAC GTG AAT TCA GAA AAA CTG ACG
G S S D N S S P Q P L K R K G K K E D V N S E K L T

Fig. 6

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1170 AAA TTG AAA CAA AAT GTA AAA TTA AAG AAT TCA CAA GAA ACC ATT CCA AAT AGT GAT GAA GGC ATT TTC AAA GCT GGA
K L K Q N V K L K N S Q E T I P N S D E G I F K A G

1248 GCA GAG AGG TCT GAA ACA CGG GGG GCA GAA GTC CAA GAA GAT GAA GAT ACT CAG GTT GAG GTT CCA GTC GAT CAG
A E R S E T R G A A E V Q E D E D T Q V E V P V D Q

1326 AGG CCA GCA GAA ATA GTA GAC GAG GAA GAA GAT GGA GAG AAG GCA AAC AAG GAT GCA GAA GAA GAA GAC TTT TCA
R P A E I V D E E E D G E K A N K D A E Q K E D F S

1404 GGA ATG AAT GGT GAC CTT GAA GAG GAA GGA GGT AGG GAG GCT ACA GAT GCC CCT GAG CAA GTC GAG GAG AAT CTG GAT
G M N G D L E E E G R E A T D A P E Q V E E I L D

1482 CAC AGT GAG CAG CAG GCA CGC CCT GCT CGT GTA AAT GGA GGC ACC GAT GAG GAG AAT GGT GAG GAG CTG CAG CAG GTT
H S E Q Q A R P A R V N G G T D E E N G E L Q Q V

1560 AAT AAT GAG CTT CAA CTG GTC CTA GAC AAG GAA AGA AAG TCT CAA GGA GCT GGC AGT GGA CAA GAT GAG GCT GAT GTA
N N E L Q L V L D K E R K S Q G A G S G Q D E A D V

1638 GAC CCT CAA AGA CCA CCA AGG CCA GAA GTA AAA ATT ACC AGT CCA GAA AAT GAA AAC AAC CAA AAC AAC AAG GAC
D P Q R P P R P E V K I T S P E E N E N N Q Q N K D

1716 TAT GCT GCC GTG GCT TAG AAGATTTTAAAGAGAGATATGGATCGCAAGAAAATGAAGGTTATCATATCTTGAAGATAAGCACATAGTTATT
Y A A V A

1813 GCTGAATATAATGTGACACTATGGTCGAATACCTACCGAATTAACATTAGAACCTAGTGGAAAGACCAGATAACTTTAAATGGCTACTAAAGGATAAT

1914 TACTTACTTTTATGGCATGTGTTTAAAGTCATATAGAAATATTAATAAGACGGACAGAGGAATTTGCACCTGGAAGACAATGGCCACTTGTAAAGGATG

2019 AAAATAGGATCCTCTTATTGTACGCTTTATTAAGTTTAGAGGCAGTTTATTCTAAATAATTTTCTCTAGGAAGCGGTAGAAATTTTAAAGAACTGGTA

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Fig. 6 cont.

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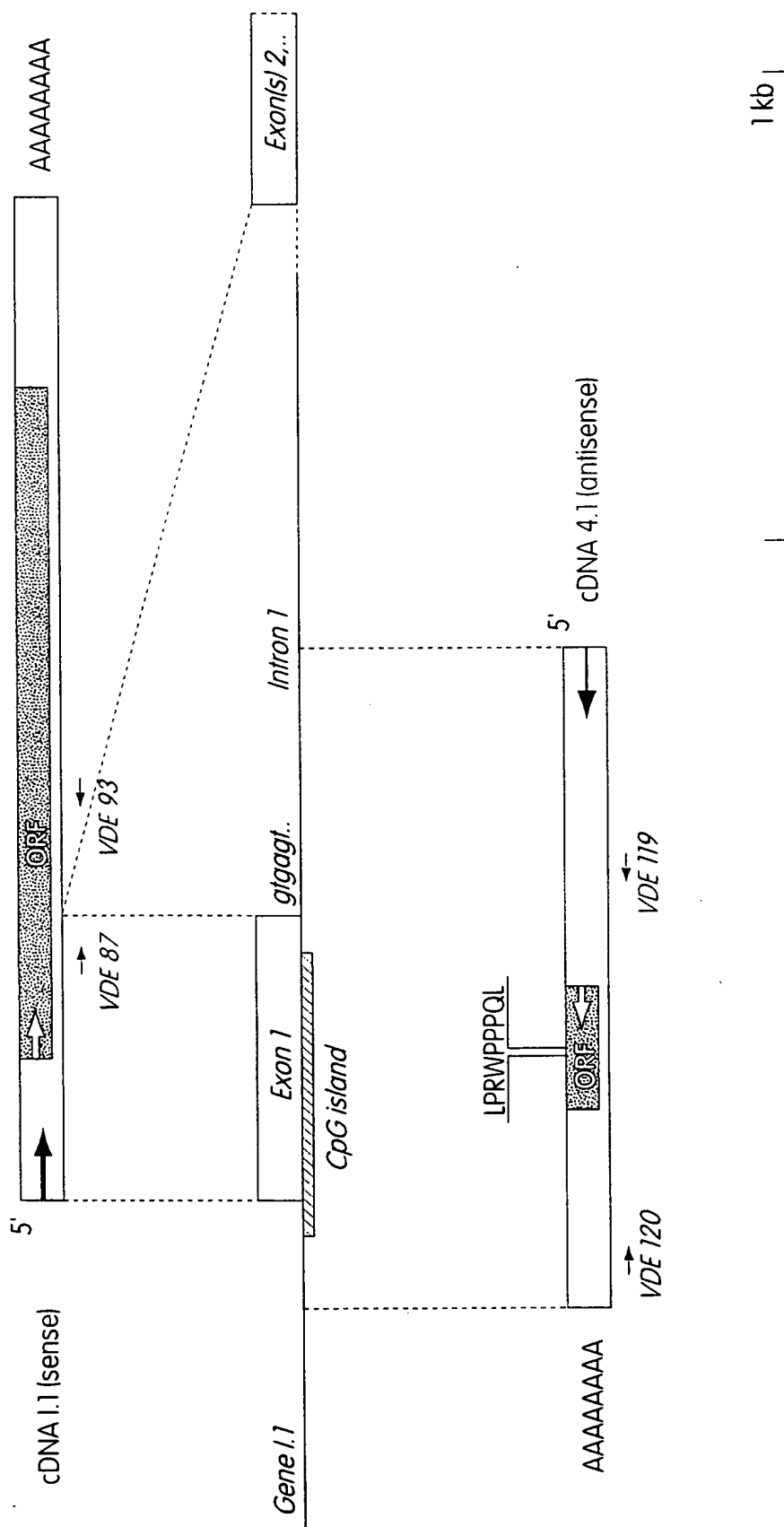


Fig. 7

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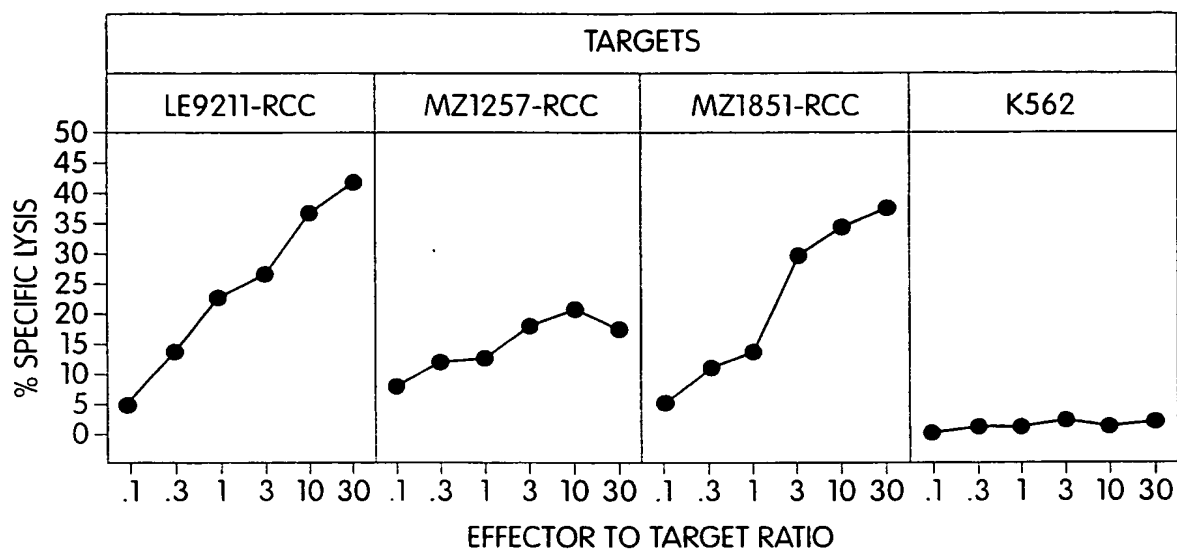


Fig. 8A

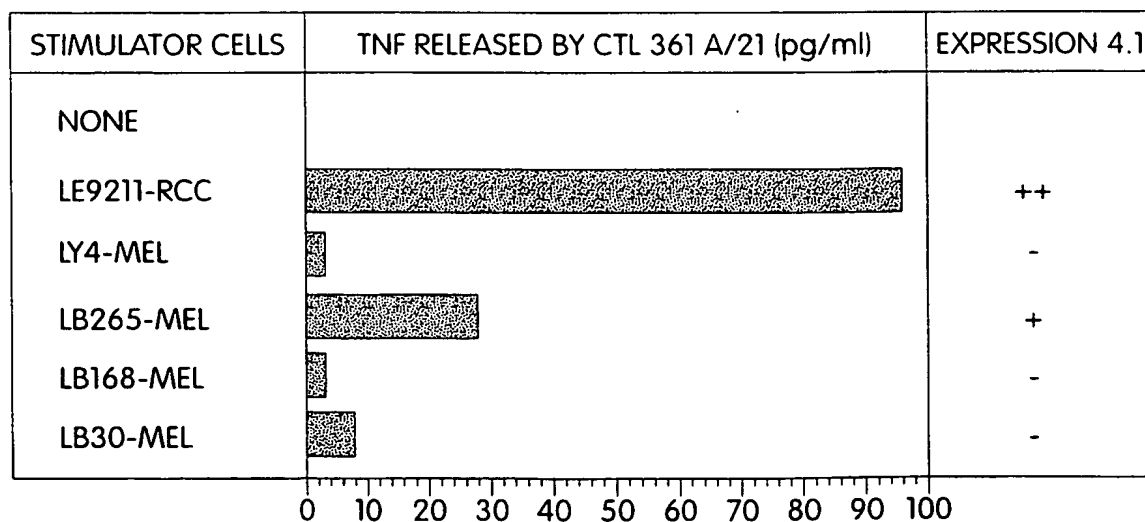


Fig. 8B